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FORM PTO-1082

Serial No: Not assigned

Serial No: Not assigned
Filed: February 8, 2002
CONDUCT

For: SEMICONDUCTOR
APPARATUS

Box PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Dear Sir:

CORRESPONDENCE ADDRESS:

☒ Customer Number

000026021



26021

2002
PATENT TRADEMARK OFFICE

Transmitted herewith for filing is the patent application identified above.
 sheet(s) of drawings (☒ formal ☐ informal) is(are) enclosed.
 page(s) of abstract of the

Transmitted herewith for filing is the patent application identified above.
☒ 16 sheet(s) of drawings ☒ formal ☐ informal is(are) enclosed.
☒ 39 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
 A copy of the invention to SEIKO EPSON CORPORATION ☐ is enclosed ☒ will follow.

An assignment of the invention to SEIKO EPSON CORP.
An associate power of attorney ☐ is enclosed ☐ will follow.
Small entity status. See 37 CFR 1.27. ☒ will follow.

Applicant claims small entity status. See 37 CFR 1.27.
 Declaration and Power of Attorney ☐ is enclosed ☒ will follow.

Applicant claims Small Entity.
Declaration and Power of Attorney ☐ is enclosed ☒ will be filed.
A certified copies of Japanese Patent Application Nos. 2001-088309 filed March 29, 2001
October 29, 2001 from which priority is claimed under 35 U.S.C. § 119 will follow.
☐ with reference(s)).

IDS enclosed (☐ with ___ reference(s)).

IDS enclosed () Preliminary Amendment is enclosed.
Application data sheet is enclosed. See 37 CFR 1.76.

Application data sheet is enclosed.
Return postcard is enclosed.

ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE	\$ AMOUNT	\$ FEE
A	TOTAL CLAIMS FE E	48	-20	28	LG=\$18 SM=\$9	\$18	504
B	INDEPENDENT CLAIMS FEE*	2	-3	0	LG=\$84 SM=\$42	\$84	0
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)						504
D	MULTIPLE-DEPENDENT CLAIMS FEE						
E	BASIC FEE						
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)						\$ 280
G	ASSIGNMENT RECORDING FEE						\$ 740
*LIST INDEPENDENT CLAIMS 1 and 16.						\$ 1524	
Deposit Account No. 50-1314 the amount of \$ 0 . A copy of this letter is enclosed.						\$ 40	\$ 40

F	TOTAL FILING FEE (ADD TOTALS FOR LINES D, E, F, G)
G	ASSIGNMENT RECORDING FEE
	*LIST INDEPENDENT CLAIMS 1 and 16.

☐ Please charge my Deposit Account No. 50-1314 the amount of \$ 0 . A copy of this letter is enclosed.
☐ A check in the amount of \$ 0 to cover the filing fee is enclosed.
☐ A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.
☐ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**
☐ Any additional filing fees required under 37 C.F.R. 1.16
☐ Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,
 JACAN & HARTSON LLP
 11/1/11

Respectfully submitted,
HOGAN & HARTSON LLP
By: Anthony J. Orler
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Attorney for Applicant(s)

Date: February 8, 2002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Junichi KARASAWA et al.

Serial No: Not assigned

Filed: February 8, 2002

For: SEMICONDUCTOR DEVICE, MEMORY SYSTEM AND
ELECTRONIC APPARATUS

Art Unit: Not assigned

Examiner: Not assigned

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Washington, D.C. 20231

Dear Sir:

I hereby certify that

☒ two copies of a letter of transmittal

☒ patent application (39 page(s) of specification; 48 claim(s); 1 page(s) of abstract

☒ 16 sheet(s) of formal drawings

☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee"
service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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Date: February 8, 2002

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Emily Cruz
Name of person mailing papers

Signature